| L Number | Hits | Search Text  | DB        | Time stamp       |
|----------|------|--|-----------|------------------|
| 1        | 8685 | (surface substrate) with (("not" near porous) non-porous)  | USPAT;    | 2004/04/19 11:47 |
|          |      |  | US-PGPUB; |                  |
|          |      |  | EPO; JPO; |                  |
|          |      |  | DERWENT   |                  |
| 2        | 1026 | ((surface substrate) with (("not" near porous) non-porous)) and (rough                               | USPAT;    | 2004/04/19 11:47 |
|          |      | roughness)   | US-PGPUB; |                  |
|          |      |  | ЕРО; ЛРО; |                  |
|          |      |  | DERWENT   |                  |
| 3        | 1064 | ((surface substrate) with (("not" near porous) non-porous)) and laser                                | USPAT;    | 2004/04/19 11:47 |
|          | [    |  | US-PGPUB, |                  |
|          |      |  | ЕРО; ЈРО; |                  |
|          |      |  | DERWENT   |                  |
| 4        | 1611 | ((surface substrate) with (("not" near porous) non-porous)) and (adsor\$5                            | USPAT;    | 2004/04/19 11:48 |
|          |      | desor\$5 ioniz\$4)   | US-PGPUB; |                  |
|          |      |  | ЕРО; ЈРО; |                  |
| _        |      |  | DERWENT   |                  |
| 5        | 67   | ((surface substrate) with (("not" near porous) non-porous)) and                                      | USPAT;    | 2004/04/19 11:48 |
|          |      | (((surface substrate) with (("not" near porous) non-porous)) and (rough                              | US-PGPUB; |                  |
|          |      | roughness)) and (((surface substrate) with (("not" near porous)                                      | ЕРО; ЈРО; |                  |
|          |      | non-porous)) and laser) and (((surface substrate) with (("not" near                                  | DERWENT   |                  |
|          |      | porous) non-porous)) and (adsor\$5 desor\$5 ioniz\$4))   | *****     |                  |
| 6        | 15   | (((surface substrate) with (("not" near porous) non-porous)) and                                     | USPAT;    | 2004/04/19 11:48 |
|          |      | (((surface substrate) with (("not" near porous) non-porous)) and (rough                              | US-PGPUB; |                  |
|          |      | roughness)) and (((surface substrate) with (("not" near porous)                                      | ЕРО; ЈРО; |                  |
|          |      | non-porous)) and laser) and (((surface substrate) with (("not" near                                  | DERWENT   |                  |
| _        | ,    | porous) non-porous)) and (adsor\$5 desor\$5 ioniz\$4))) and analyte                                  | LIGDAT    | 2004/04/10 11 40 |
| 7        | 1    | ((((surface substrate) with (("not" near porous) non-porous)) and                                    | USPAT;    | 2004/04/19 11:49 |
|          |      | (((surface substrate) with (("not" near porous) non-porous)) and (rough                              | US-PGPUB; |                  |
|          |      | roughness)) and (((surface substrate) with (("not" near porous)                                      | EPO; JPO; |                  |
|          |      | non-porous)) and laser) and (((surface substrate) with (("not" near                                  | DERWENT   |                  |
|          |      | porous) non-porous)) and (adsor\$5 desor\$5 ioniz\$4))) and analyte) and 250/423R,424,425,423P.ccls. |           |                  |
| 8        | 6    |  | USPAT;    | 2004/04/19 11:54 |
| 0        |      | 250/423R,424,425,423P.ccls.  | US-PGPUB; | 2007/07/17 11.57 |
|          |      | 250/42513,424,425,4251 .0018.  | ЕРО; ЛРО; |                  |
|          |      |  | DERWENT   |                  |
| 9        | 0    | ((surface substrate) with (("not" near porous) non-porous) and                                       | USPAT;    | 2004/04/19 11:54 |
|          |      | 250/423R,424,425,423P.ccls.) and in-situ   | US-PGPUB; | 200 110 111.51   |
|          |      | 250 (251), 12 1, 125, 1251 (otto.) tale in one   | ЕРО; ЛРО; |                  |
|          |      |  | DERWENT   |                  |
| _        | 2    | 4527059.pn.  | USPAT;    | 2004/02/26 15:46 |
|          |      | · · · · · · · · · · · · · · · · · · ·  | US-PGPUB; |                  |
|          |      |  | ЕРО; ЛРО; |                  |
|          |      |  | DERWENT   |                  |
| _        | 2    | 4988879.pn.  | USPAT;    | 2004/02/26 13:47 |
|          |      |  | US-PGPUB; |                  |
|          |      |  | ЕРО, ЛРО, |                  |
|          |      |  | DERWENT   |                  |
| -        | 2    | 5326633.pn.  | USPAT;    | 2004/02/26 13:48 |
|          |      |  | US-PGPUB; |                  |
|          |      |  | ЕРО; ЈРО; |                  |
|          | ]    |  | DERWENT   |                  |
| -        | 8507 | (surface substrate) with (("not" near porous) non-porous)  | USPAT;    | 2004/04/19 11:46 |
|          | 1    |  | US-PGPUB; |                  |
|          |      |  | ЕРО; ЈРО; |                  |
|          |      |  | DERWENT   |                  |
| -        | 1004 | ((surface substrate) with (("not" near porous) non-porous)) and (rough                               | USPAT;    | 2004/04/19 11:47 |
|          |      | roughness)   | US-PGPUB; |                  |
|          |      | •  | ЕРО; ЈРО; |                  |
|          | L    |  | DERWENT   | <u> </u>         |

|    |      |  |                        | ζ.                 |
|----|------|--|------------------------|--------------------|
| -  | 1560 | ((surface substrate) with (("not" near porous) non-porous)) and (adsor\$5 desor\$5 ioniz\$4)   | USPAT;<br>US-PGPUB;    | 2004/04/19 11:47   |
|    |      |  | ЕРО; ЈРО;              |                    |
|    | 1000 |  | DERWENT                |                    |
| -  | 1009 | ((surface substrate) with (("not" near porous) non-porous)) and laser  | USPAT;                 | 2004/04/19 11:47   |
|    |      | •  | US-PGPUB;<br>EPO; JPO; |                    |
|    |      |  | DERWENT                |                    |
| _  | 65   | (((surface substrate) with (("not" near porous) non-porous)) and (rough  | USPAT;                 | 2004/02/26 16:30   |
|    |      | roughness)) and (((surface substrate) with (("not" near porous)  | US-PGPUB;              |                    |
|    |      | non-porous)) and (adsor\$5 desor\$5 ioniz\$4)) and (((surface substrate)   | EPO; JPO;              |                    |
|    |      | with (("not" near porous) non-porous)) and laser)  | DERWENT                |                    |
| -  | 15   | ((((surface substrate) with (("not" near porous) non-porous)) and (rough   | USPAT;                 | 2004/04/19 11:48   |
|    |      | roughness)) and (((surface substrate) with (("not" near porous) non-porous)) and (adsor\$5 desor\$5 ioniz\$4)) and (((surface substrate) | US-PGPUB;<br>EPO; JPO; |                    |
|    |      | with (("not" near porous) non-porous)) and laser)) and analyte   | DERWENT                |                    |
| _  | 2    | 6399177.pn.  | USPAT;                 | 2004/02/26 16:14   |
|    |      | •  | US-PGPUB;              |                    |
|    |      |  | ЕРО; ЛРО;              |                    |
|    |      |  | DERWENT                |                    |
| -  | 1    | Sunner-Jan\$.in.   | USPAT;                 | 2004/02/26 16:19   |
|    |      |  | US-PGPUB;<br>EPO; JPO; |                    |
|    |      |  | DERWENT                |                    |
| -  | 1    | Alimpiev-Sergey\$.in.  | USPAT;                 | 2004/02/26 16:20   |
|    |      |  | US-PGPUB;              | i                  |
|    |      |  | ЕРО; ЛРО;              |                    |
|    |      | NUIC 10 0  | DERWENT                | 2004/02/26 16 20   |
| -  | l I  | Nikiforovl-Sergey\$.in.  | USPAT;<br>US-PGPUB;    | 2004/02/26 16:20   |
|    |      |  | EPO; JPO;              |                    |
|    |      |  | DERWENT                |                    |
| -  | 2    | (((((surface substrate) with (("not" near porous) non-porous)) and (rough  | USPAT;                 | 2004/02/27 11:25   |
|    |      | roughness)) and (((surface substrate) with (("not" near porous)  | US-PGPUB;              |                    |
|    |      | non-porous)) and (adsor\$5 desor\$5 ioniz\$4)) and (((surface substrate)   | ЕРО; ЛРО;              |                    |
|    |      | with (("not" near porous) non-porous)) and laser)) and (250/423R,424,425,423P.ccls.)   | DERWENT                |                    |
| _  | 9    | ((((surface substrate) with (("not" near porous) non-porous)) and (rough   | USPAT;                 | 2004/02/26 16:25   |
|    |      | roughness)) and (((surface substrate) with (("not" near porous)  | US-PGPUB;              | 200 17 02,20 10,23 |
|    | ļ    | non-porous)) and (adsor\$5 desor\$5 ioniz\$4)) and (((surface substrate)   | ЕРО; ЛРО;              |                    |
|    |      | with (("not" near porous) non-porous)) and laser)) and (laser with   | DERWENT                |                    |
|    |      | puls\$3)   |                        | 0004100106166      |
| -  | 2    | (((surface substrate) with (("not" near porous) non-porous)) and (((surface substrate) with (("not" near porous) non-porous)) and (rough | USPAT;<br>US-PGPUB;    | 2004/02/26 16:30   |
|    |      | roughness)) and (((surface substrate) with (("not" near porous) non-porous)  | EPO; JPO;              |                    |
|    |      | non-porous)) and laser)) and (250/423R,424,425,423P.ccls.)   | DERWENT                | 1                  |
| -  | 187  | (surface near rough\$4) same (non-porous ("not" adj porous))   | USPAT;                 | 2004/02/26 17:23   |
|    |      |  | US-PGPUB;              |                    |
|    |      |  | ЕРО; ЛРО;              |                    |
|    | 20   | ((a) after a manual \$4\) and 1 and 1  | DERWENT                | 2004/02/26 10:01   |
| -  | 30   | ((surface near rough\$4) same (non-porous ("not" adj porous))) and laser   | USPAT;<br>US-PGPUB;    | 2004/02/26 19:01   |
|    |      |  | EPO; JPO;              |                    |
|    |      |  | DERWENT                |                    |
| -  | 2    | (((surface near rough\$4) same (non-porous ("not" adj porous))) and  | USPAT;                 | 2004/02/26 17:24   |
|    |      | laser) and analyte   | US-PGPUB;              |                    |
|    |      |  | EPO; JPO;              |                    |
| ]_ | 45   | ((surface near rough\$4) same (non-porous ("not" adj porous))) and   | DERWENT<br>USPAT;      | 2004/02/26 18:57   |
|    | 73   | ((surface near roughs4) same (non-porous ( not adj porous))) and (nanometer nm)  | US-PGPUB;              | 200-1102120 16.37  |
|    |      |  | ЕРО; ЈРО;              |                    |
|    |      |  | DERWENT                |                    |

| -     | 12   | (((surface near rough\$4) same (non-porous ("not" adj porous))) and laser) and (nanometer nm)  | USPAT;<br>US-PGPUB;    | 2004/02/26 17:44  |
|-------|------|--|------------------------|-------------------|
|       |      |  | ЕРО; ЈРО;              |                   |
|       | 120  |  | DERWENT                | 2004/02/26 10.56  |
| -     | 138  | (non-porous ("not" adj porous)) with (rough roughness)   | USPAT;<br>US-PGPUB;    | 2004/02/26 18:56  |
|       |      |  | EPO; JPO;              |                   |
|       |      |  | DERWENT                |                   |
| _     | 27   | ((non-porous ("not" adj porous)) with (rough roughness)) and (adsor\$5   | USPAT;                 | 2004/02/27 09:59  |
|       |      | desor\$5 ioniz\$4)   | US-PGPUB;              |                   |
|       |      |  | ЕРО; ЈРО;              |                   |
|       | 1.0  |  | DERWENT                | 0004/00/06/10 01  |
| -     | 16   | (((non-porous ("not" adj porous)) with (rough roughness)) and (adsor\$5  | USPAT;                 | 2004/02/26 19:01  |
|       |      | desor\$5 ioniz\$4)) and (nanometer nm)   | US-PGPUB;<br>EPO; JPO; |                   |
|       |      |  | DERWENT                |                   |
| _     | 1    | (((((non-porous ("not" adj porous)) with (rough roughness)) and (adsor\$5  | USPAT;                 | 2004/02/26 18:59  |
|       |      | desor\$5 ioniz\$4)) and (nanometer nm)) and (mass adj spectromet\$2)   | US-PGPUB;              |                   |
|       |      |  | ЕРО; ЈРО;              |                   |
|       |      |  | DERWENT                |                   |
| -     | 2    | (((non-porous ("not" adj porous)) with (rough roughness)) and (adsor\$5  | USPAT;                 | 2004/02/26 18:59  |
|       |      | desor\$5 ioniz\$4)) and (mass adj spectromet\$2)   | US-PGPUB;              |                   |
|       |      |  | EPO; JPO;<br>DERWENT   |                   |
| . , . | 2    | ((non-porous ("not" adj porous)) with (rough roughness)) and (mass adj   | USPAT;                 | 2004/02/26 18:59  |
|       |      | spectromet\$2)   | US-PGPUB;              |                   |
|       |      |  | ЕРО; ЛРО;              |                   |
|       |      |  | DERWENT                |                   |
| -     | 6    | ((((non-porous ("not" adj porous)) with (rough roughness)) and (adsor\$5   | USPAT;                 | 2004/02/26 19:03  |
|       |      | desor\$5 ioniz\$4)) and (nanometer nm)) and laser  | US-PGPUB;<br>EPO; JPO; |                   |
|       |      |  | DERWENT                |                   |
| _     | 1943 | laser same analyte   | USPAT;                 | 2004/02/27 09:59  |
|       |      |  | US-PGPUB;              |                   |
|       |      |  | ЕРО; ЈРО;              |                   |
|       | 24   |  | DERWENT                | 2004/02/25 11 20  |
| -     | 34   | (laser same analyte) and ((surface substrate) with (("not" near porous))   | USPAT;                 | 2004/02/27 11:28  |
|       |      | non-porous))   | US-PGPUB;<br>EPO; JPO; |                   |
|       |      |  | DERWENT                |                   |
| -     | 13   | ((laser same analyte) and ((surface substrate) with (("not" near porous)   | USPAT;                 | 2004/02/27 11:11  |
|       |      | non-porous))) and rough\$4   | US-PGPUB;              |                   |
|       |      |  | ЕРО; ЈРО;              |                   |
|       |      | ((())  | DERWENT                | 2004/02/27 11 62  |
| -     | 9    | (((laser same analyte) and ((surface substrate) with (("not" near porous) non-porous))) and rough\$4) and (nanometer nm nano-rough\$4) | USPAT;<br>US-PGPUB;    | 2004/02/27 11:02  |
|       |      | non-porous /// and roughts +/ and (nanometer lim hano-roughts +/   | EPO; JPO;              |                   |
|       |      |  | DERWENT                |                   |
| -     | 0    | 20020187312.URPN.  | USPAT                  | 2004/02/27 10:59  |
| -     | 13   | (((laser same analyte) and ((surface substrate) with (("not" near porous)  | USPAT;                 | 2004/02/27 11:07  |
|       |      | non-porous))) and rough\$4) and Laser  | US-PGPUB;              |                   |
|       |      |  | EPO; JPO;<br>DERWENT   |                   |
| _     | 9    | (((((laser same analyte) and ((surface substrate) with (("not" near  | USPAT;                 | 2004/02/27 11:12  |
|       |      | porous) non-porous))) and rough\$4) and (nanometer nm nano-rough\$4))  | US-PGPUB;              | 250 1102/27 11.12 |
|       |      | and Laser  | ЕРО; ЛРО;              | İ                 |
|       |      |  | DERWENT                |                   |
| -     | 8507 | ((surface substrate) with (("not" near porous) non-porous))  | USPAT;                 | 2004/02/27 11:11  |
|       |      |  | US-PGPUB;              |                   |
|       |      |  | EPO; JPO;<br>DERWENT   |                   |
|       | 1    | 1  |                        | j j               |

|          | ·     |  |  |                  |
|----------|-------|--|--|------------------|
| -        | 98    | (((surface substrate) with (("not" near porous) non-porous))) and (rough\$4 with (nanometer nm nano- nano))  | USPAT;<br>US-PGPUB;                                    | 2004/02/27 11:22 |
|          | :     |  | EPO; JPO;<br>DERWENT                                   |                  |
| -        | 42    | ((((surface substrate) with (("not" near porous) non-porous))) and (rough\$4 with (nanometer nm nano- nano))) and Laser  | USPAT;<br>US-PGPUB;<br>EPO; JPO;                       | 2004/02/27 11:27 |
| -        | . 15  | ((((((surface substrate) with (("not" near porous) non-porous))) and (rough\$4 with (nanometer nm nano- nano))) and Laser) and (adsor\$5 desor\$5 ioniz\$5 analyte)                  | DERWENT<br>USPAT;<br>US-PGPUB;<br>EPO; JPO;            | 2004/02/27 11:18 |
| -        | 3     | ((((((surface substrate) with (("not" near porous) non-porous))) and (rough\$4 with (nanometer nm nano- nano))) and Laser) and (laser with (desor\$5 ioniz\$5 analyte))              | DERWENT<br>USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/02/27 11:21 |
| -        | 23253 | (gas\$4 analyte) with (rough\$4 nano-rough\$4 nano- nanometer nm)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT            | 2004/02/27 11:28 |
| -        | 241   | ((gas\$4 analyte) with (rough\$4 nano-rough\$4 nano- nanometer nm)) and ((surface substrate) with (("not" near porous) non-porous))  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT            | 2004/02/27 11:25 |
| -        | 130   | ((((gas\$4 analyte) with (rough\$4 nano-rough\$4 nano- nanometer nm)) and ((surface substrate) with (("not" near porous) non-porous))) and laser                                     | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT            | 2004/02/27 11:29 |
| -        | 0     | (((((gas\$4 analyte) with (rough\$4 nano-rough\$4 nano- nanometer nm)) and ((surface substrate) with (("not" near porous) non-porous))) and laser) and (250/423R,424,425,423P.ccls.) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT            | 2004/02/27 11:25 |
| <u>-</u> | 3     | (((((gas\$4 analyte) with (rough\$4 nano-rough\$4 nano- nanometer nm)) and ((surface substrate) with (("not" near porous) non-porous))) and laser) and (250/\$.ccls.)                | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT            | 2004/02/27 11:29 |
| -        | 3     | ((((((surface substrate) with (("not" near porous) non-porous))) and (rough\$4 with (nanometer nm nano- nano))) and Laser) and analyte   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT            | 2004/02/27 11:29 |
| -        | 43545 | metal with (rough\$4 nano-rough\$4 nano- nanometer nm)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT            | 2004/02/27 11:29 |
| -        | 663   | (metal with (rough\$4 nano-rough\$4 nano- nanometer nm)) and analyte   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT            | 2004/02/27 11:29 |
| -        | 397   | ((metal with (rough\$4 nano-rough\$4 nano- nanometer nm)) and analyte) and laser   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT            | 2004/02/27 11:29 |
| -        | 28    | (((metal with (rough\$4 nano-rough\$4 nano- nanometer nm)) and analyte) and laser) and (250/\$.ccls.)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT            | 2004/02/27 13:29 |
| -        | 21287 | metal with rough\$4  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT            | 2004/02/27 14:48 |

| -  | 1113  | (metal with rough\$4) and ((nanometer nano nm) same rough\$4)  | USPAT;<br>US-PGPUB;    | 2004/02/27 14:53 |
|----|-------|--|------------------------|------------------|
|    |       |  | ЕРО; ЛРО;              |                  |
| _  | 890   | (metal with rough\$4) and (laser with (in situ))   | DERWENT USPAT;         | 2004/02/27 13:53 |
| -  | 870   | (metal with longhoss) and (laser with (m situ))  | US-PGPUB;              | 2004/02/27 13.33 |
|    |       |  | ЕРО; ЛРО;              |                  |
|    |       |  | DERWENT                |                  |
| -  | 155   | ((metal with rough\$4) and ((nanometer nano nm) same rough\$4)) and  | USPAT;                 | 2004/02/27 13:39 |
|    |       | ((metal with rough\$4) and (laser with (in situ)))   | US-PGPUB;              |                  |
|    |       |  | EPO; JPO;<br>DERWENT   |                  |
| _  | 27    | (((metal with rough\$4) and ((nanometer nano nm) same rough\$4)) and                                       | USPAT;                 | 2004/02/27 14:48 |
|    |       | ((metal with rough\$4) and (laser with (in situ)))) and analyte  | US-PGPUB;              |                  |
|    |       |  | ЕРО, ЈРО;              |                  |
|    |       |  | DERWENT                |                  |
| -  | 198   | (rough\$4 nano-rough\$4) with (("not" near porous) non-porous)   | USPAT;                 | 2004/02/27 14:02 |
|    |       |  | US-PGPUB;<br>EPO; JPO; |                  |
|    |       |  | DERWENT                |                  |
| -  | 22    | ((rough\$4 nano-rough\$4) with (("not" near porous) non-porous)) and                                       | USPAT;                 | 2004/02/27 13:55 |
|    |       | laser  | US-PGPUB;              |                  |
|    |       |  | ЕРО; ЛРО;              |                  |
|    | 3     | ((rough\$4 nano-rough\$4) with (("not" near porous) non-porous)) and                                       | DERWENT<br>USPAT;      | 2004/02/27 13:53 |
| -  |       | analyte  | US-PGPUB;              | 2004/02/27 13.53 |
|    |       |  | EPO; JPO;              |                  |
|    |       |  | DERWENT                |                  |
| -  | 2     | (((rough\$4 nano-rough\$4) with (("not" near porous) non-porous)) and                                      | USPAT;                 | 2004/02/27 13:54 |
|    |       | laser) and (((rough\$4 nano-rough\$4) with (("not" near porous) non-porous)) and analyte)                  | US-PGPUB;              |                  |
|    |       | non-porous)) and analyte)  | EPO; JPO;<br>DERWENT   |                  |
| -  | 21287 | (rough\$4 nano-rough\$4) with (metal)  | USPAT;                 | 2004/02/27 13:55 |
|    |       |  | US-PGPUB;              |                  |
|    |       |  | EPO; JPO;              |                  |
| ]_ | 2654  | ((rough\$4 nano-rough\$4) with (metal)) and laser  | DERWENT<br>USPAT;      | 2004/02/27 14:03 |
|    | 2031  | (Tought Amile-Toughts ) with (metal)) and fuser  | US-PGPUB;              | 2004/02/27 14:05 |
|    |       |  | ЕРО; ЈРО;              |                  |
|    |       |  | DERWENT                |                  |
| -  | 133   | ((rough\$4 nano-rough\$4) with (metal)) and analyte  | USPAT;                 | 2004/02/27 13:55 |
|    |       |  | US-PGPUB;<br>EPO; JPO; |                  |
|    |       |  | DERWENT                |                  |
| -  | 109   |  | USPAT;                 | 2004/02/27 13:55 |
|    |       | nano-rough\$4) with (metal)) and analyte)  | US-PGPUB;              |                  |
|    |       |  | ЕРО; ЛРО;              |                  |
| _  | 10    | ((((rough\$4 nano-rough\$4) with (metal)) and laser) and (((rough\$4                                       | DERWENT USPAT;         | 2004/02/27 14:01 |
|    | 10    | nano-rough\$4) with (metal)) and analyte)) and 250/\$.ccls.  | US-PGPUB;              | 2007/02/2/ 14.01 |
|    |       | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,  | ЕРО; ЈРО;              |                  |
|    |       |  | DERWENT                |                  |
| -  | 14    | (mass near spectromet\$2) same ((rough\$4 nano-rough\$4 nano) with (("not" near porous) non-porous metal)) | USPAT;                 | 2004/02/27 14:13 |
|    |       | (( not near porous) non-porous metal))   | US-PGPUB;<br>EPO; JPO; |                  |
|    |       |  | DERWENT                |                  |
| -  | 10    | ((mass near spectromet\$2) same ((rough\$4 nano-rough\$4 nano) with  | USPAT;                 | 2004/02/27 14:03 |
|    |       | (("not" near porous) non-porous metal))) and laser   | US-PGPUB;              |                  |
|    |       |  | EPO; JPO;              |                  |
| L  | 1     |  | DERWENT                | 1                |

|   | 10   | (((mass near spectromet\$2) same ((rough\$4 nano-rough\$4 nano) with  | USPAT;              | 2004/02/27 14:46 |
|---|------|---|---------------------|------------------|
| • | 10   | (("not" near porous) non-porous metal))) and laser) and ((nanometer   | US-PGPUB;           | 2004/02/27 14.40 |
|   |      | nano nm))   | EPO; JPO;           |                  |
|   |      |   | DERWENT             |                  |
| _ | 8200 | ((nanometer nano nm) with rough\$4)                                   | USPAT;              | 2004/02/27 14:49 |
|   |      | , , , ,   | US-PGPUB;           |                  |
|   |      |   | ЕРО; ЛРО;           |                  |
|   |      |   | DERWENT             |                  |
| - | 2712 | (((nanometer nano nm) with rough\$4)) and laser                       | USPAT;              | 2004/02/27 14:53 |
|   |      |   | US-PGPUB;           |                  |
|   |      |   | ЕРО; ЛРО;           |                  |
|   |      |   | DERWENT             |                  |
| - | 221  | (((nanometer nano nm) with rough\$4)) and analyte                     | USPAT;              | 2004/02/27 14:13 |
|   |      |   | US-PGPUB;           |                  |
|   |      |   | ЕРО; ЛРО;           |                  |
|   |      |   | DERWENT             |                  |
| - | 137  | ((((nanometer nano nm) with rough\$4)) and laser) and ((((nanometer   | USPAT;              | 2004/02/27 14:13 |
|   |      | nano nm) with rough\$4)) and analyte)                                 | US-PGPUB;           |                  |
|   |      |   | ЕРО; ЛРО;           |                  |
|   |      |   | DERWENT             | 2004/02/25 14 12 |
| - | 23   | (((((nanometer nano nm) with rough\$4)) and laser) and ((((nanometer  | USPAT;              | 2004/02/27 14:13 |
|   |      | nano nm) with rough\$4)) and analyte)) and ((mass near spectromet\$2) | US-PGPUB;           |                  |
|   |      | (ion adj mobility))   | ЕРО; ЛРО;           |                  |
|   | 16   | (motel with government) come least come analyte                       | DERWENT             | 2004/02/27 14:40 |
| - | 16   | (metal with rough\$4) same laser same analyte                         | USPAT;<br>US-PGPUB; | 2004/02/27 14:49 |
|   |      |   | EPO; JPO;           |                  |
|   |      |   | DERWENT             |                  |
| _ | 15   | ((metal with rough\$4) same laser same analyte) and (nanometer nano   | USPAT;              | 2004/02/27 14:52 |
|   | 13   | nm nano-)   | US-PGPUB;           | 2004/02/27 14.32 |
|   |      |   | ЕРО, ЈРО,           |                  |
|   |      |   | DERWENT             |                  |
| _ | 0    | nano-rough\$4 with analyte  | USPAT;              | 2004/02/27 14:52 |
|   |      |   | US-PGPUB;           |                  |
|   |      |   | ЕРО, ЈРО,           |                  |
|   |      |   | DERWENT             |                  |
| - | 150  | rough\$4 with analyte   | USPAT;              | 2004/02/27 14:53 |
|   |      |   | US-PGPUB;           |                  |
|   |      |   | ЕРО; ЛРО;           |                  |
|   |      |   | DERWENT             |                  |
| - | 77   | (rough\$4 with analyte) and laser                                     | USPAT;              | 2004/02/27 14:53 |
|   |      |   | US-PGPUB;           |                  |
|   |      |   | ЕРО; ЈРО;           |                  |
|   |      | (( 104 144 1-4-) 11 1 1   | DERWENT             | 2004/02/27 15 02 |
| - | 57   | ((rough\$4 with analyte) and laser) and (nanometer nano nano- nm)     | USPAT;              | 2004/02/27 15:03 |
|   |      |   | US-PGPUB;           |                  |
|   | ]    |   | EPO; JPO;           |                  |
|   | 5    | ((improv\$4 increas\$4) near3 analyte) with (rough\$4)                | DERWENT<br>USPAT;   | 2004/02/27 16:41 |
| - | ,    | ((improvo4 increaso4) near3 anaryte) with (rougho4)                   | US-PGPUB;           | 2004/02/27 10.41 |
|   |      |   | EPO; JPO;           |                  |
|   |      |   | DERWENT             |                  |
| - | 0    | 20020187312.URPN.   | USPAT               | 2004/02/27 15:52 |
| • | 39   | Fonash-Stephen\$.in.  | USPAT;              | 2004/02/27 15:53 |
|   |      |   | US-PGPUB;           |                  |
|   |      |   | EPO; JPO;           |                  |
|   |      |   | DERWENT             |                  |
| - | 6    | Fonash-Stephen\$.in. and (rough\$4)                                   | USPAT;              | 2004/02/27 15:53 |
|   |      |   | US-PGPUB;           |                  |
|   |      |   | ЕРО; ЛРО;           |                  |
|   | ]    |   | DERWENT             |                  |

|   |      |   |                        | 0004/00/05 15 55   |
|---|------|---|------------------------|--------------------|
| - | 93   | ((improv\$4 increas\$4) near3 ion) with (rough\$4)                        | USPAT;<br>US-PGPUB;    | 2004/02/27 15:55   |
|   |      |   | ЕРО; ЈРО;              |                    |
|   |      |   | DERWENT                |                    |
| • | 26   | ((((improv\$4 increas\$4) near3 ion) with (rough\$4)) and laser           | USPAT;                 | 2004/02/27 16:23   |
|   |      |   | US-PGPUB;              |                    |
|   |      |   | ЕРО; ЈРО;              |                    |
|   | 350  | (/  | DERWENT                | 2004/02/27 16:24   |
| - | 359  | ((mass adj spectromet\$2) (ion adj mobility)) same rough\$4               | USPAT;<br>US-PGPUB;    | 2004/02/27 16:24   |
|   |      |   | EPO; JPO;              |                    |
|   |      |   | DERWENT                |                    |
| _ | 135  | (((mass adj spectromet\$2) (ion adj mobility)) same rough\$4) and laser   | USPAT;                 | 2004/02/27 16:03   |
|   |      |   | US-PGPUB;              |                    |
|   |      |   | ЕРО; ЈРО;              |                    |
|   |      |   | DERWENT                |                    |
| - | 54   | ((((mass adj spectromet\$2) (ion adj mobility)) same rough\$4) and laser) | USPAT;                 | 2004/02/27 16:23   |
|   |      | and analyte   | US-PGPUB;<br>EPO; JPO; |                    |
|   |      |   | DERWENT                | :                  |
| _ | 3406 | (ion analyte) with (rough\$4)   | USPAT;                 | 2004/02/27 16:23   |
|   |      |   | US-PGPUB;              |                    |
|   |      |   | ЕРО; ЈРО;              |                    |
|   |      |   | DERWENT                |                    |
| - | 705  | ((ion analyte) with (rough\$4)) and laser                                 | USPAT;                 | 2004/02/27 16:42   |
|   |      |   | US-PGPUB;              |                    |
|   |      |   | EPO; JPO;<br>DERWENT   |                    |
| _ | 281  | ((ion analyte) with (rough\$4)) and ((mass adj spectromet\$2) (ion adj    | USPAT;                 | 2004/02/27 16:24   |
|   | 201  | mobility))  | US-PGPUB;              | 2004/02/27 10:24   |
|   |      | ,   | EPO; JPO;              |                    |
|   |      |   | DERWENT                |                    |
| - | 97   | (((ion analyte) with (rough\$4)) and laser) and (((ion analyte) with      | USPAT;                 | 2004/02/27 16:24   |
|   |      | (rough\$4)) and ((mass adj spectromet\$2) (ion adj mobility)))            | US-PGPUB;              |                    |
|   |      |   | EPO; JPO;<br>DERWENT   |                    |
| _ | 59   | ((((ion analyte) with (rough\$4)) and laser) and (((ion analyte) with     | USPAT;                 | 2004/02/27 16:25   |
|   |      | ((cough\$4)) and ((mass adj spectromet\$2) (ion adj mobility)) )) and     | US-PGPUB;              | 200 1102/27 10:25  |
|   |      | (nanometer nm)  | ЕРО; ЛРО;              |                    |
|   |      |   | DERWENT                |                    |
| - | 51   | (((((ion analyte) with (rough\$4)) and laser) and (((ion analyte) with    | USPAT;                 | 2004/02/27 16:32   |
|   |      | (rough\$4)) and ((mass adj spectromet\$2) (ion adj mobility)) )) and      | US-PGPUB;              |                    |
|   |      | (nanometer nm)) and (silicon carbon polymer graphite)                     | EPO; JPO;<br>DERWENT   |                    |
| _ | 1    | ((enhanc\$4) near3 analyte) with (rough\$4)                               | USPAT;                 | 2004/02/27 16:40   |
|   | -    | ((common v) memo unual (compute v)  | US-PGPUB;              | 200 1102/27 101/10 |
|   |      | ·   | ЕРО; ЛРО;              |                    |
|   |      |   | DERWENT                |                    |
| - | 6    | ((enhanc\$4) near3 ion) with (rough\$4)                                   | USPAT;                 | 2004/02/27 16:41   |
|   |      |   | US-PGPUB;              |                    |
|   |      |   | EPO; JPO;<br>DERWENT   |                    |
| _ | 32   | ((analyte) with (rough\$4)) same (nanometer nm nano nano-)                | USPAT;                 | 2004/02/27 16:42   |
|   |      | ,                                   | US-PGPUB;              |                    |
|   |      |   | ЕРО; ЛРО;              |                    |
|   |      |   | DERWENT                |                    |
| - | 26   | (((analyte) with (rough\$4)) same (nanometer nm nano nano-)) and laser    | USPAT;                 | 2004/02/27 16:43   |
|   |      |   | US-PGPUB;              | ,                  |
|   |      |   | EPO; JPO;<br>DERWENT   |                    |
|   | l    | L   | TATALALTIAL            |                    |

| - | 3 | ((absorb with analyte) same rough\$4) | USPAT;    | 2004/02/27 16:49 |
|---|---|---------------------------------------|-----------|------------------|
|   |   |                                       | US-PGPUB; |                  |
|   |   | ·                                     | ЕРО; ЈРО; |                  |
|   | 1 |                                       | DERWENT   |                  |